

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (original): A laminate with gas barrier properties, characterized in having at least a (I) paper layer, a (II) gas barrier layer, and an (III) epoxy-group-containing resin composition layer, which includes a polyolefin (a) having a melt flow rate of 0.1~100 g/10 min and an epoxy-compound (b) having two or more epoxy groups in the molecule and a molecular weight of 3000 or less, epoxy-compound (b) being added in an amount of 0.01~5 parts by weight with respect to 100 parts by weight of polyolefin (a); wherein a treated surface, in which the melted resin film of said (III) epoxy-group-containing resin composition is surface treated to a degree of oxidation in the range of 0.05~1.0, is laminated to said (II) gas barrier layer's surface which was not treated with an anchor coat agent.

2. (original): A laminate with gas barrier properties according to claim 1, characterized in that said (II) gas barrier layer consists of one of either an inorganic vapor deposited synthetic resin layer or a metal foil.

3. (original): A laminate with gas barrier properties according to claim 1, wherein said polyolefin (a) is a non-polar polyolefin.

4. (original): A laminate with gas barrier properties according to claim 1, characterized in that said epoxy-compound (b) is an epoxidized plant oil.

5. (original): A laminate with gas barrier properties according to claim 1, characterized in that said (III) epoxy-group-containing resin composition layer contains said polyolefin (a), said epoxy-compound (b), and an olefin polymer (c) having functional groups that react with epoxy groups, wherein the amount of olefin polymer (c) is 30 wt% or less with respect to the total weight of polyolefin (a) and olefin polymer (c), and epoxy-compound (b) is added in an amount of 0.01~5 parts by weight with respect to a total 100 parts by weight of polyolefin (a) and an olefin polymer (c).

6. (currently amended): A laminate with gas barrier properties according to claim 5, characterized in that said olefin polymer (c) is a modified olefin polymer or olefin-copolymer having at least one group selected from the group ~~comprising~~ consisting of acid anhydride group, carboxyl group, and carboxylic acid metal salts in the molecules.

7. (original): A laminate with gas barrier properties according to claim 6, characterized in that said olefin polymer (c) is an ethylene-maleic anhydride copolymer or an ethylene-maleic anhydride-(meth)acrylate copolymer.

8. (original): A laminate with gas barrier properties according to claim 1, characterized in that a (IV) synthetic resin layer is also provided to said laminate.

9. (original): A laminate with gas barrier properties according to claim 8, characterized in that said (IV) synthetic resin layer consists of a linear low-density polyethylene or an ethylene (co)polymer produced by a high-pressure radical polymerization method.

10. (original): A laminate according to claim 1, characterized in that a (V) impact-resistant resin layer is also provided to said laminate.

11. (original): A laminate according to claim 1, characterized in that a (VI) heat sealing layer is also provided to said laminate.

12. (canceled).

13. (canceled).

14. (canceled).

15. (canceled).

16. (canceled).

17. (canceled).

18. (canceled).

19. (canceled).

20. (canceled).

21. (canceled).

22. (new) A laminate with gas barrier properties according to claim 1, wherein said (III) epoxy-group-containing resin composition layer is formed by at least one of extrusion laminating and extrusion sand laminating.

23. (new) A laminate with gas barrier properties according to claim 1, wherein the surface of said (II) gas barrier layer, on which said (III) epoxy-group-containing resin composition layer is formed, is subjected to in-line surface treatment.

24. (new) A laminate with gas barrier properties according to claim 1, wherein the surface of said (III) epoxy-group-containing resin composition layer, on which said (II) gas barrier layer is formed, is subjected to an ozone treatment.